

Atlantic Richfield Company

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July 6, 2007

CERTIFIED – RETURN RECEIPT REQUESTED

Mr. Jim Sickles and Ms. Nadia Hollan-Burke
Remedial Project Managers
U.S. Environmental Protection Agency Region 9
75 Hawthorne Street, SFD-8-2
San Francisco, CA 94105

**Subject: June 2007 Monthly Report, Yerington Mine Site, Lyon County, Nevada:
Administrative Order for Remedial Investigation and Feasibility Study, EPA Docket
No. 9-2007-0005**

Dear Mr. Sickles and Ms. Hollan-Burke:

Pursuant to the above referenced order issued by the U.S. Environmental Protection Agency (EPA), please note the following monthly status report for Atlantic Richfield Company (ARC) activities at the Yerington Mine Site during June 2007.

Operations, Maintenance and Site Security

- Pumpback well system averaged approximately 60.4 gpm; all 11 wells operated 24/7 with minor downtime for preventive maintenance (wells PW-3, PW-4, PW-7 and PW-11)
- Arimetco heap leach fluid management system (FMS) operations continued. Total estimated gallons transferred from VLT Pond to Evaporation Pond = 198,000 gal. SSP to VLT Pond = 0 gal; SSP to Evaporation Pond = 0 gal; Plant Feed to Evaporation Pond = 0 gal; Raff sump to Phase 1 Pond = 0 gal. Pond levels: Evaporation Pond = 4.25 ft; VLT Pond = 3 ft; Slot 2 Pond = 7.25ft. Phase I, Plant Feed and Mega ponds are dry as of May 31. Return flow to VLT pond about 8 gpm and 4 gpm to Slot 2 pond.
- Severe windstorm on June 5 caused four brief power outages with insignificant effect on operations.

Other Site Activities

- Quatterra personnel visited site June 5.
- EPA and WUCC personnel visit to EW/SX plant facilities on June 6.
- EPA contractors CH2M Hill and Tetra Tech conducted a radiation survey of EW/SX facilities and Tibbals' west side property on June 19.
- Joe Sawyer (NDEP) conducted monthly site inspection on June 22.
- Stan Weimeyer (USFWS) conducted bird count on June 28.
- ARC June 8, 2007 letter to Trustees requesting NRD Assessment Data.

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Site Characterization (includes routine groundwater monitoring activities)

- 2Q 2007 groundwater sampling event analyses completed; results under QA/QC review and validation.
- Site-wide monthly groundwater elevation measurements completed on June 29.
- Continued revised AQM program to include meteorological monitoring, continuous PM10 monitoring and high volume PM10 Events 144 to 148; submitted the first quarter 2007 report on June 6; conducted monthly maintenance on continuous PM10 monitors and high volume PM10 samplers; collected and analyzed ACCU sample #3, triggered by a major dust storm on June 5, 2007; responded to EPA comments on final Revised Air Quality Monitoring Work Plan regarding the duration of continuous PM10 monitoring and the curtailment of high volume PM10 on June 11, 2007.
- ARC June 7, 2007 letter to EPA requesting change in deliverable schedules for the Process Areas and Sulfide Tailings/Evaporation Ponds RI Work Plans to accommodate requested short-term removal actions and EPA and Stakeholder concerns over potential ecological risks associated with the Evaporation Ponds.
- Submitted Draft Site-Wide Groundwater (OU1) Remedial Investigation (RI) Work Plan on June 29, including the Human Health Risk Assessment (HHRA) Work Plan.
- Submitted responses to EPA comments dated May 25, 2007 on June 11 for the Revised Air Quality Monitoring Work Plan dated March 23, 2007.
- Received EPA review comments on June 26, 2007 for the Draft Data Management Plan (DMP) dated April 24, 2007.
- Continued wildlife observation activities (field surveys and camera trap photo-documentation); performed camera trap maintenance.
- Continued preparation of the Draft Process Areas (OU3) RI Work Plan including the baseline HHRA work plan for submittal in August 2007.
- Initiated the Draft Site-Wide Groundwater Monitoring Plan for submittal in August 2007.
- Received BLM comments on the cultural resources survey for the area of proposed background soil sampling.
- Continued the 2nd Step HFA drilling, zonal sampling and well installation program including the completion of B/W-19D and B/W-28D, the initiation of drilling of MW-2002-21, and the installation of two piezometers located adjacent to the Walker River, WRP-1 and WRP-2.
- Installed pressure transducers with data loggers in wells B/W-1D, B/W-2D, B/W-3D, B/W-4D, B/W-8D, B/W-9D, B/W-11D and MW-2002-1 and the implementation of continuous groundwater level monitoring in these wells.
- Drilled two boreholes in the area of established trees on the Peri Farm for the phyto-remediation project, and installed oxygen sensors spaced every 5 feet to a depth of 15 feet (just above top of groundwater) for the purpose of monitoring oxygen levels in soil and checking for root depth; readings are collected automatically throughout the day and saved to a datalogger which will be downloaded monthly.
- Continued to water the test planting trees for the phyto-remediation project with fresh water to get them established and healthy; continued monitoring of the sap flow meters installed in the established Cottonwood trees on Peri Farm in May (data is collected monthly).
- Continued to modify Interim Evaporation Ponds Work Plan based on initial EPA comments.



Planned July 2007 Activities

- Continue O&M and site security activities.
- Incorporation of BLM comments on the cultural resources survey, which should result in a tentative start date for background soil sampling activities of July 25.
- Respond to EPA comments on the Draft DMP, and revise the DMP for submittal by July 26.
- Continuation of the 2nd Step HFA program.
- Continuation of the phyto-remediation project.
- Continue to work on the Draft Process Areas (OU3) RI Work Plan.
- Continue to work on the Draft Groundwater Monitoring Plan.
- Continuation of the wildlife observation program on the site, including photo-documentation in the area of the evaporation ponds and sewage treatment ponds at the northern portion of the site.

If you have any questions or comments, please feel free to contact me at (661) 287-3855 or via e-mail at thunril@bp.com.

Sincerely,

Chuck Zimmerman for
Roy Thun

Environmental Business Manager

cc: Mike Montgomery, EPA – via electronic mail
Joe Sawyer, NDEP – via electronic mail
Tom Olsen, BLM – via electronic mail
Dan Newell, City of Yerington Manager – via electronic mail
Phyllis Hunewill, Lyon County Commissioner – via electronic mail
Chris Winsor, Atlantic Richfield Company - via electronic mail
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